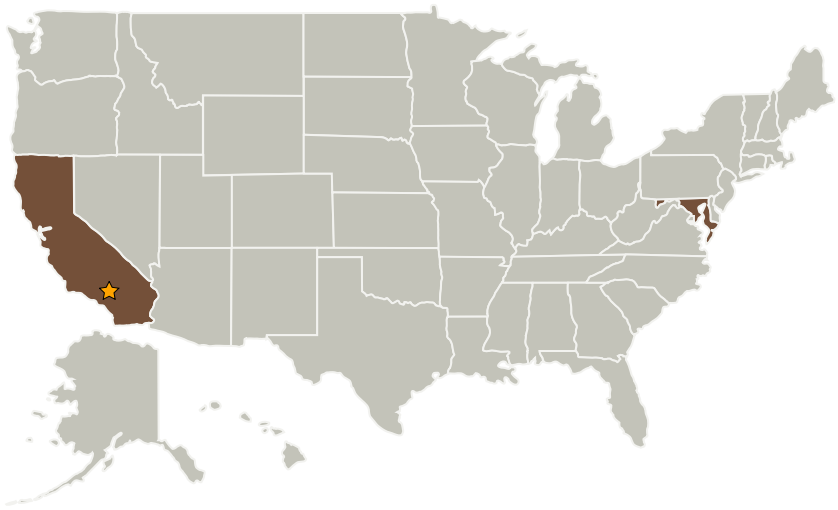
Acoustic Emissions (AE) Electrical Systems' Health Monitoring, Phase I

Completed Technology Project (2004 - 2004)

Anticipated Benefits

Once developed, a new electrical system AE monitoring capability could be employed to provide electrical system protection monitoring for aircraft, marine vessels and high value and/or critical assets. Sucess of this effort would lead to a reduction in lives lost, injuries and property loss.

Primary U.S. Work Locations and Key Partners



Organizations Performing Work	Role	Type	Location
★Armstrong Flight Research Center(AFRC)	Lead Organization	NASA Center	Edwards, California
Epoch Engineering Inc	Supporting Organization	Industry	Gaithersburg, Maryland

Primary U.S. Work Locations	
California	Maryland

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Organizational Responsibility

Responsible Mission Directorate:

Space Technology Mission Directorate (STMD)

Lead Center / Facility:

Armstrong Flight Research Center (AFRC)

Responsible Program:

Small Business Innovation Research/Small Business Tech Transfer

Acoustic Emissions (AE) Electrical Systems' Health Monitoring, Phase I

Completed Technology Project (2004 - 2004)

Project Management

Program Director:

Jason L Kessler

Program Manager:

Carlos Torrez

Project Manager:

Keith A Schweikhard

Principal Investigator:

Martin Karchnak

Technology Areas

Primary:

- TX01 Propulsion Systems
  - TX01.3 Aero Propulsion
    - TX01.3.1 Integrated Systems and Ancillary Technologies